

Copies of references were filed with the parent case, S/N 09/299,139, and can be found with that file.

**INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Docket Number (Optional) <b>A013</b>		Application Number <b>09/299,139</b>	
Applicant(s) <b>Browning et al.</b>			
Filing Date <b>April 23, 1999</b>		Group Art Unit <b>1642</b> not yet assigned	

**U.S. PATENT DOCUMENTS**

XAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
CY	AA	5,225,538	07/06/93	Capon et al.			12/16/91
CY	AB	4,816,567	03/28/89	Cabilly, S., et al.			04/08/83
CY	AC	4,485,045	11/27/84	Regen, S.			05/26/82
CY	AD	4,544,545	10/01/85	Ryan, P., et al.			06/20/83

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
CY	BA	WO 94/046679	03/03/94					
CY	BB	WO 97/03678	02/06/97					

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	CA	Alimzhanov et al., 1997, Proc. Natl. Acad. Sci., 94:9302-9307, "Abnormal development of secondary lymphoid tissues in lymphotoxin Beta-deficient mice"
CY	CB	Androlewicz et al., 1992, J. of Biol. Chem., 267:2542-2547, "Lymphotoxin Is Expressed as a Heteromeric Complex with a Distinct 33-kDa Glycoprotein on the Surface of an Activated Human T Cell Hybridoma"

XAMINER <i>C. Yaen</i>	DATE CONSIDERED <i>8-30-04</i>
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		A01.	09/299,139
		Applicant(s) Browning et al.	
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		April 23, 1999	1642

EXAMINER INITIAL	OTHER DOCUMENTS	(Including Author, Title, Date, Pertinent Pages, Etc.)
CY	CC	Arulanandam et al., 1993, J. Exp. Med., 177:1439-1450, "A Soluble Multimeric Recombinant CD2 Protein Identified CD48 As A Low Affinity Ligand for Human CD2: Divergence of CD2 Ligands During The Evolution of Humans and Mice"
CY	CD	Banks et al., 1995, J. of Immunol. 155:1687-1693, "Lymphotoxin-Alpha-Deficient Mice"
CY	CE	Barnetson et al., 1993, Mosby-Year Book Europe Ltd., 22.1-22.12, "Hypersensitivity-Type I V"
CY	CF	Briskin et al., 1993, Nature, 363:461-464, "MAdCAM-1 Has Homology TO Immunoglobulin And Mucin-Like Adhesion Receptors And TO IgA1"
CY	CG	Browning J., Androlewicz, M. et al., 1991, J. of Immunol. 147:1230-1237, "Lymphotoxin And An Associated 33-kDa Glycoprotein Are Expressed On the Surface Of An Activated Human T Cell Hybridoma"
CY	CH	Browning J., Douglas, I., et al., 1995, American Association of Immunol., 33-46, "Characterization of Surface Lymphotoxin Forms"
CY	CI	Browning, J., Ngam-ek, A., et al., 1993, 73:847-856, "Lymphotoxin-Beta, A Novel Member of the TNF Family That Forms a Heteromeric Complex With Lymphotoxin On the Cell Surface"
CY	CJ	Cavert, W. et al., 1997, 276:960-964, "Kinetics of Response in Lymphoid Tissues to Antiretroviral Therapy of HIV-1 Infection"
CY	CK	Chen, C. et al., 1995, Trends in Biol. Sci., 20:465-470, "AU-rich Elements: Characterization and Importance In mRNA Degradation"
CY	CL	Crowe, P. et al., 1994, Science, 264:707-710, "A Lymphotoxin-Beta-Specific Receptor"
CY	CM	DeTongi, P. et al., 1994, Science, 264:703-706, "Abnormal Development Of PERipheral Lymphoid Organs in Mice Deficient in Lymphotoxin"
CY	CN	Dijkstra et al., 1985, Immunology, 55:23-30, "Marginal Zone Macrophages Identified BY A Monoclonal Antibody: Characterization of Immuno-and Enzyme-Histochemical Properties and Functional Capacities"

EXAMINER <div style="text-align: center; font-family: cursive; font-size: 1.2em;">C. Yuen</div>	DATE CONSIDERED <div style="text-align: center; font-family: cursive; font-size: 1.2em;">8.30.04</div>
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PTO  
10/000211  
18/51/01

EXAMINER INITIAL	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
CY	CO Duzgunesa et al., Q514:77, "Liposome Targeting TO HIV-Infected Cells Via Recombinant Soluble CD4 And CD4-IgG (Immunoadhesin)"
CY	CP Endres et al., 1999, J. of Med., 189:159-167, "Mature Follicular Dendritic Cell Networks Depend on Expression Of Lymphotoxin Beta Receptor By Radioresistant Stromal Cells And Of Lymphotoxin Beta And Tumor Necrosis Factor By B Cells"
CY	CQ Eppstein et al., 1985, Proc. Natl. Acad. Sci., 82:3688-3692, "Biological Activity Of Liposome-Encapsulated Murine Interferon Gamma Is Mediated By A Cell Membrane Receptor"
CY	CR Erickson et al., 1994, Nature, 372:560-563, "Decreased Sensitivity To Tumour-Necrosis Factor But Normal T-cell Development in TNF Receptor-2-Deficient Mice"
CY	CS Ettinger et al., 1996, Proc. Natl. Acad., 93:13102-13107, "Disrupted Splenic Architecture, But Normal Lymph Node Development In Mice Expressing A Soluble Lymphotoxin-Beta Receptor-IgG1 Fusion Protein"
CY	CT Fitch et al., 1993, Annu. Rev. Immunol., 11:29-48, "Differential Regulation Of Murine Lymphocyte Subsets"
CY	CU Force et al., 1995, American Association of Immunol., 5280-5288, "Mouse Lymphotoxin-Beta Receptor"
CY	CV Foy et al., 1994, J. Exp. Med., 180:157-163, "gp39-CD40 Interactions Are Essential For Germinal Center Formation and the Development of B Cell Memory"
CY	CW Fu, Chaplin, et al., 1999, Annu. Rev. Immunol., 17:399-433, "Development and Maturation of Secondary Lymphoid Tissues"
CY	CX Fu, Huang, et al., 1998, J. Exp. Med., 187:1009-1018, "B Lymphocytes Induce the Formation of Follicular Dendritic Cell Clusters in a Lymphotoxin-Alpha-Dependent Fashion"
CY	CY Fu, Molina, et al., 1997, J. Exp. Med., 185:2111-2120, Lymphotoxin-Alpha (LTa) Supports Development of Splenic Follicular Structure That Is Required for IgG Responses"
CY	CZ Futterer et al., 1998, Immunity, 9:59-70, "The Lymphotoxin Beta Receptor Controls Organogenesis and Affinity Maturation in Peripheral Lymphoid Tissues"

EXAMINER

C. Yac

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	CAA	Gonzalez et al., 1998, J. Exp. Med., 187:997-1007, "The Sequential Role of Lymphotoxin and B Cells in the Development of Splenic Follicles"
CY	CAB	Han et al., 1995, American Association of Immunol., 556-567, "Cellular Interaction in Germinal Centers"
CY	CAC	Heath et al., 1995, Nature, 377:740-744, "Follicular Dendritic Cells And Human Immunodeficiency Virus Infectivity"
CY	CAD	Hwang et al., 1980, Proc. Natl. Acad., 77:4030-4034, "Hepatic Uptake And Degradation of Unilamellar Sphingomyelin/Cholesterol Liposomes: A Kinetic Study"
CY	CAE	Kraal, Gerooge, 1992, Academic Press, 132:31-74, "Cells In the Marginal Zone of the Spleen"
CY	CAF	Kraal and Janse, 1986, Immunology, 58:665-669, "Marginal Metallophilic Cells Of the Mouse Spleen Identified By a Monoclonal Antibody"
CY	CAG	Kraal, Rodrigues, et al., 1989, Immunology, 68:227-232, "Lymphocyte Migration in the Spleen: the Effect of Macrophage Elimination"
CY	CAH	Kraal, Schornagel, et al., 1995, American Journal of Pathology, 147:763-771, "Expression of the Mucosal Vascular Addressin, MAdCAM-1, on Sinus-Lining Cells in the Spleen"
CY	CAI	Kratz et al., 1996, J. Exp. Med., 183:1461-1472, "Chronic Inflammation Caused by Lymphotoxin Is Lymphoid Neogenesis"
CY	CAJ	Laman et al., 1996, Critical Reviews in Immunol., 16:59-108, "Functions of CD40 and Its Ligand, gp39 (CD40L)"
CY	CAK	Lane et al., 1992, Eur. J. Immunol., 22:2573-2578, "Activated human T cells express a ligand for the human B cell-associated antigen CD40 which participates in T cell -dependent activation of B lymphocytes"
CY	CAL	Langer, 1982, Chemtech, February, 98-105, "Controlled release of macromolecules"

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10/003211

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CY	Langer, Brem, et al., 1981, J. of Biomed. Materials, 15:267-277, "Biocompatibility of polymeric delivery systems for macromolecules"
CY	Le Hir, et al., 1996, J. Exp. Med., 183:2367-2372, "Differentiation of Follicular Dendritic Cells and Full Antibody Responses Require Tumor Necrosis Factor Receptor-1 Signaling"
CY	Mackay et al., 1997, Eur. J. Immunol., 27:2033-2042, "Lymphotoxin but not tumor necrosis factor functions to maintain splenic architecture and humoral responsiveness in adult mice"
CY	MacLennan et al., 1993, Blackwell Scientific Publications, 5:13-30, "The Structure and Function of Secondary Lymphoid Tissue"
CY	Maeda et al., 1992, J. of Immunol., 148:2340-2347, "Murine Follicular Dendritic Cells and Low Affinity Fc Receptors For IgE (FcεRII)1"
CY	Male et al., 1993, Mosby-Year Book Europe, 3rd ed., 1:1.1-1.12, "Introduction to the Immune System"
CY	Matsumoto, Chaplin, et al., 1997, Immunol. Reviews, 156:137-144, "Lymphotoxin-alpha-deficient and TNF receptor-1-deficient mice define developmental and functional characteristics of germinal centers"
CY	Matsumoto, Huang, et al., 1997, J. Exp. Med., 186:1997-2004, "Distinct Roles of Lymphotoxin alpha and the Type 1 Tumor Necrosis Factor (TNF) Receptor in the Establishment of Follicular Dendritic Cells from Non-Bone Marrow-derived Cells"
CY	Matsumoto, Lo, et al., 1996, Nature, 382:462-466, "Affinity maturation without germinal centres in lymphotoxin-alpha-deficient mice"
CY	Matsumoto, Mariathasan, et al., 1996, Science, 271:1289-1291, "Role of Lymphotoxin and the Type 1 TNF Receptor in the Formation of Germinal Centers"
CY	Miller et al., 1993, J. Exp. Med., 178:211-222, "Specific Interaction of Lymphocyte Function-associated Antigen 3 with CD2 Can Inhibit T Cell Responses"
CY	Mohan et al., 1995, J. of Immunol., 154:1470-1480, "Interaction Between CD40 and Its Ligand gp39 in the Development of Murine Lupus Nephritis1"

EXAMINER

C. Yuen

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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

CY	CAZ	Morrison et al., 1992, Annu. Rev. Immunol., 10:239-265, "In Vitro Antibodies: Strategies for Production and Application"
CY	CBA	Morrison, Johnson, et al., 1984, Proc. Natl. Acad. Sci., 81:6851-6855, "Chimeric human antibody molecules: Mouse antigen-binding domains with human constant region domains"
CY	CBB	Nakache et al., 1989, Nature, 337:179-181, "The mucosal vascular addressin is a tissue-specific endothelial cell adhesion molecule for circulating lymphocytes"
CY	CBC	Neumann et al., 1996, J. Exp. Med., 184:259-264, "Defective Peyer's Patch Organogenesis in Mice Lacking the 55-kD Receptor for Tumor Necrosis Factor"
CY	CBD	Pfeffer et al., 1993, Cell, 73:457-467, "Mice Deficient for the 55 kd Tumor Necrosis Factor Receptor Are Resistant to Endotoxic Shock, yet Succumb to L. monocytogenes Infection"
CY	CBE	Picarella et al., 1992, Proc. Natl. Acad. Sci., 89:10036-10040, "Insulinitis in transgenic mice expressing tumor necrosis factor Beta (lymphotoxin) in the pancreas"
CY	CBF	Pickier et al., 1992, Annu. Rev. Immunol., 10:561-591, "Physiological and Molecular Mechanisms of Lymphocyte Homing"
CY	CBG	Powell et al., 1995, Trends in Microbiology, 3:81-88, "The antiviral effects of nitric oxide"
CY	CBH	Queen et al., 1989, Proc. Natl. Acad. Sci., 86:10029-10033, "A humanized antibody that binds to the interleukin 2 receptor"
CY	CBI	Rennert et al., 1996, J. Exp. Med., 184:1999-2006, "Surface Lymphotoxin alpha/beta complex Is Required for the Development of Peripheral Lymphoid Organs"
CY	CBJ	Robert et al., 1998, Nature, 395:26-27, "Turning off Follicular Dendritic Cells"
CY	CBK	Romagnani et al., 1994, Annu. Rev. Immunol., 12:227-257, "Lymphokine Production By Human T Cells In Disease States"

EXAMINER

C. Yae

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JCE03 U.S. Patent



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CY	CBL Rothe et al., 1993, Nature, 364:198-802, "Mice lacking the tumour necrosis factor receptor 1 are resistant to TNF-mediated toxicity but highly susceptible to infection by Listeria monocytogenes"
CY	CBM Schriever et al., 1992, Advanced in Immunol., 51:243-285, "The Central Role of Follicular Dendritic Cells in Lymphoid Tissues"
CY	CBN Selmaj et al., 1991, Amer. Society of Clinical Investigation, 87:949-954, "Identification of Lymphotoxin and Tumor Necrosis Factor in Multiple Sclerosis Lesions"
CY	CBO Sidman et al., 1983, Biopolymers, 22:547-556, "Controlled Release of Macromolecules and Pharmaceuticals from Synthetic Polypeptides Based on Glutamic Acid"
CY	CBP Smith, Davis et al., 1990, Science, 248:1019-1023, "A Receptor for RTumor Necrosis Factor Defines an Unusual Family of Cellular and Viral Proteins"
CY	CBQ Smith, Farrah et al., 1994, Cell, 76:959-962, "The TNF Receptor Superfamily of Cellular and Viral Proteins: Activation, Costimulation, and Death"
CY	CBR Tartaglia et al., 1992, Immunology Today, 13:151-153, "Two TNF receptors"
CY	CBS Tew et al., 1990, Immunol. Reviews, 117:185-211, "Follicular Dendritic Cells as Accessory Cells"
CY	CBT Tibbetts et al., 1994, J. of Immunol., 152:1493-1499, "Cardiac Antigen-Specific Autoantibody Production is Associated with Cardiomyopathy in Trypanosoma cruzi-infected mice"
CY	CBU Toellner et al., 1996, J. Exp. Med., 183:2303-2312, "Immunoglobulin Switch Transcript Production In Vivo Related to the Site and Time of Antigen-specific B Cell Activation"
CY	CBV Trauneker et al., 1989, Nature, 339:68-70, "Highly efficient neutralization of HIV with recombinant CD4-immunoglobulin molecules"
CY	CBW Van Kooten et al., 1996, Advanced in Immunol., 61:1-77, "CD40-CD40 Ligand: A Multifunctional Receptor-Ligand Pair"

EXAMINER

C. Ya

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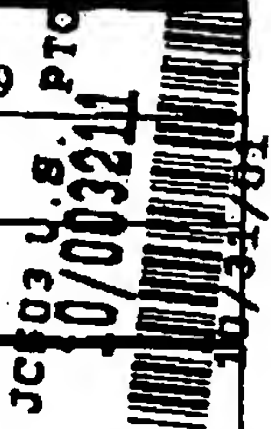
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1642



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Q	CBX	Van Vliet et al., 1986, Cytochem, 34:883-890, "Reticular Fibroblasts in Peripheral Lymphoid Organs Identified by a Monoclonal Antibody"
QY	CBY	Ware et al., 1995, Pathways for Cytolysis, Current Topics Microbiol. Immunol., pps.75-218 "The Ligands and Receptors of the Lymphotoxin System"
QY	CBZ	Winter and Milstein, 1991, Nature, 349:293-299, "Man-Made Antibodies"
QY	CCA	Wu et al., 1999, J. Exp. Med., 190:629-638, "The Requirement of Membrane Lymphotoxin for the Presence of Dendritic Cells in Lymphoid Tissues"
QY	CCB	Kohno et al., 1990, Proc. Natl. Acad. Sci., 87:8331-8335, "A Second Tumor Necrosis Factor Receptor Gene Product Can Shed A Naturally Occurring Tumor Necrosis Factor Inhibitor"
QY	CCC	Gyorffy et al., 1996, Eur. Cytokine Netw., 7:167, "Alteration of the TNF Sensitivity And Membrane Viscosity Of Target Cells"
QY	CCD	Goodwin et al., 1993, Cell, 73:447-456, "Molecular and Biological Characterization of a Ligand for CD27 Defines a New Family of Cytokines with Homology to Tumor Necrosis Factor"

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